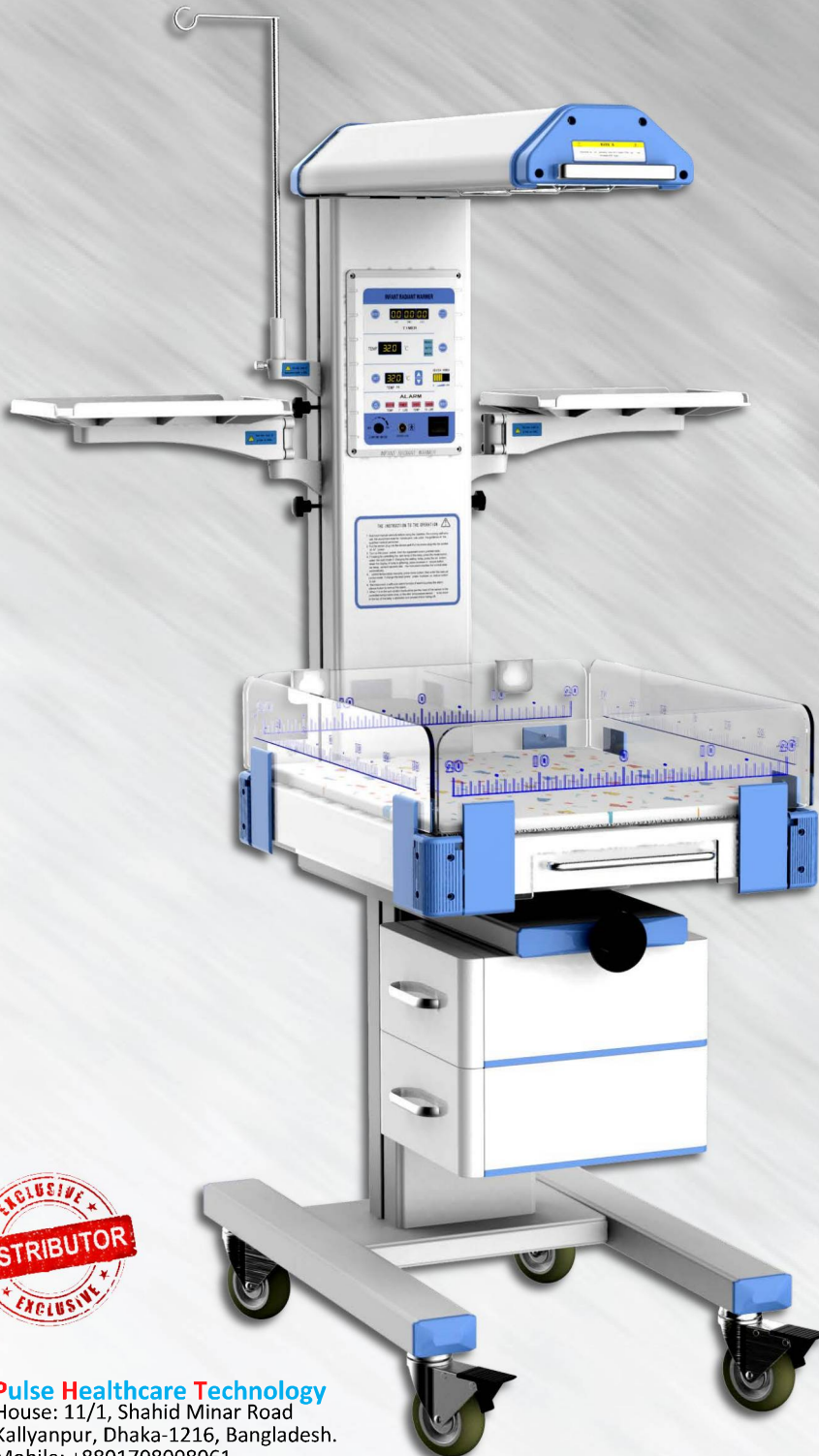




ESBN-100S

Infant Radiant Warmer



Pulse Healthcare Technology
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INTENSIVE CARES



ESBN-100S



Infant Radiant Warmer



Cod. **ESBN-100S**

- Microprocessor based servo controlled temperature system
- The microprocessor-controlled unit allows three modes: pre-warm, manual or automatic
- APGAR timer to record therapy time
- Alarm functions: Power failure, Temperature deviation, Temperature sensor failure, Over temperature
- Tiltable LED observe light with adjustable brightness
- Heater head can be adjusted $\pm 90^\circ$ horizontally
- Convenient X-ray cassette board under infant bed
- Adjustable infant bed tilting angle
- Foldable transparent side protections
- With RS-232 connector, 2 infusion seal, 2 tray and 2 drawers

Standard configuration:

- Main body (including the Radiant source, Control system, Infant bed, and Bracket)
- X-ray cassette
- Observe light
- I.V. pole
- Skin temperature sensor
- 2 trays
- Mattress
- Transparent side protections
- Castors and 2 drawers

Optional:

- Big infant bed
- LED phototherapy unit ESBL-60
- Air/oxygen blender
- Gel mattress
- 0-150mm Hg suction pump
- Infant resuscitation unit
- Oxygen supply system
- Flow meter
- Electronic height adjustment function
- Air temperature count down timer
- LCD Touch screen panel

Safety control system:

- Anti-explosion micro crystal quartz infrared radiation tube with quick heating and long life-span.
- Alarm functions for safety includes: Power failure, Temperature deviation, Temperature sensor failure, Over temperature.
- Temperature deviation can be amended in front panel directly
- A second thermal cut-out function for more safety
- Skin temperature fall protect function avoid over temperature

Technical Features

Power supply	AC 110/220V 60/50Hz
Power input	1000VA
Operating conditions	Environment temperature: 18°C ~ 30°C
	Environment relative humidity: 30%~75%RH
	Environment air velocity of flow: < 0,3m/s
Skin temp. control range	32°C~38,5°C
Skin temp. control accuracy	$\leq 0,5^\circ\text{C}$
Skin temp. sensor accuracy	$\pm 0,3^\circ\text{C}$
Mattress temperature uniformity	< 2,0°C
Infant bed tilting angle	$\pm 10^\circ$
Warm-up time	$\leq 45\text{min}$
Heating head horizontal tilt	$\pm 90^\circ$
Distance from heater to mattress	80 cm
Mattress size	67x54 cm
APGAR timer range	$\leq 24\text{h}$
Environment Temperature	40°C~55°C
Environment Relative Humidity	$\leq 95\%$
Atmospheric Pressure	500~1060hPa
Packing	Each unit is packed in one case: 120x70x96cm, 90Kg

Optional LCD Touch Screen



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